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1	BRS	L1	713/160.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:58
2	BRS	L2	713/161.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:58
3	BRS	L3	713/162.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:58

	Type	L #	Search Text	DBs	Time Stamp
4	BRS	L4	713/163.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:58
5	BRS	L5	380/29.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:58
6	BRS	L6	380/30.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:58

	Type	L #	Search Text	DBs	Time Stamp
7	BRS	L7	ruutu.in. and jussi.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:59
8	BRS	L8	ma.in. and jian.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:59
9	BRS	L9	L7 and L8	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:59

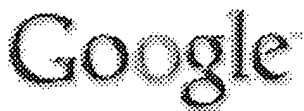
	Type	L #	Search Text	DBs	Time Stamp
10	BRS	L10	nokia.asn.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 11:59
11	BRS	L11	L9 and L10	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:00
12	BRS	L12	"encrypt" and "payload"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:00

	Type	L #	Search Text	DBs	Time Stamp
13	BRS	L13	L12 and "IP datagram"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:00
14	BRS	L14	L13 and "TCP acknowledgement"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:00
15	BRS	L15	L13 and "TCP acknowledgement"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:01

	Type	L #	Search Text	DBs	Time Stamp
16	BRS	L16	L15 and "IP header"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:01
17	BRS	L17	L16 and "TCP header"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:01
18	BRS	L18	"IPv4" near "IPv6" and "options field"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:01

	Type	L #	Search Text	DBs	Time Stamp
19	BRS	L19	L18 and "extensions header"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:01
20	BRS	L20	"data transmission" near "IP datagram"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:02
21	BRS	L21	L20 and "payload"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:02

	Type	L #	Search Text	DBs	Time Stamp
22	BRS	L22	L21 and "encrypted packet"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2005/11/30 12:02

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IPv4, IPv6, IP header, "options field"

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In **IPv4**, this field is the Protocol Type field. It was renamed in **IPv6** to reflect the new organization of IP packets. If the next **header** is UDP or TCP, ...[www.oreilly.com/catalog/ipv6ess/chapter/ch02.pdf](http://www.oreilly.com/catalog/ipv6ess/chapter/ch02.pdf) - [Similar pages](#)IPFIX Mailing List: Re: [ipfix-info] simple editorial changes fThe **IPv4 header** length is variable, because **IPv4** options are included in the **header**. For **IPv6** there is a 'Payload Length' field in the **header** :-), but the ...[ipfix.doit.wisc.edu/archive/2860.html](http://ipfix.doit.wisc.edu/archive/2860.html) - 17k - [Cached](#) - [Similar pages](#)The TCP/IP Guide - IP Datagram Options and Option Format9 Internet Protocol (**IP/IPv4**, **IPng/IPv6**) and **IP-Related** Protocols (**IP NAT**, ... which makes the total length of the **Options field** in the **IP header** variable. ...[www.tcpipguide.com/free/t\\_IPDatagramOptionsandOptionFormat.htm](http://www.tcpipguide.com/free/t_IPDatagramOptionsandOptionFormat.htm) - 25k - [Cached](#) - [Similar pages](#)Cisco Self-Study: Implementing Cisco IPv6 Networks (IPV6)When present, the **Options field** increases the length of the **IPv4 header**. Instead of the **Options field**, **IPv6** uses the Extension field. ...[www.ciscopress.com/articles/article.asp?p=31948](http://www.ciscopress.com/articles/article.asp?p=31948) - 54k - [Cached](#) - [Similar pages](#)[PDF] Secure and Assured Transition to IPv6 in the federal governmentFile Format: PDF/Adobe Acrobat - [View as HTML](#)A simplified, fixed-size, **IP header** that has been reduced. down to 8 fields from the 14 of **IPv4** and the removal of. the **OPTIONS field** speeds data forwarding ...[www.juniper.net/solutions/literature/solutionbriefs/351137.pdf](http://www.juniper.net/solutions/literature/solutionbriefs/351137.pdf) - [Similar pages](#)

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The **IPv6 header** is only twice the size of the **IPv4 header**, yet the **IPv6 address** ... Several fields such as the **Options Field** and **Header Checksum** have been ...  
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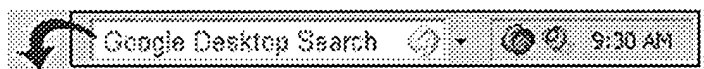
### IP headers

**IPv4** is called 0100, while **IPv6** is called 0110. ... The **options field** contains different optional settings within the **header**, such as Internet timestamps, ...  
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